0580
CC

0590
0118

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY SYSTEMS BRANCH

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *10/007,779*
Source: *diff*
Date Processed by STIC: *12/17/2001*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO **REDUCE** ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE: SEE BELOW FOR ADDRESS:
        http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by the treatment given to all mail coming via the Brentwood Mail Facility.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:
1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , **EFS Submission User Manual** - ePAVE)
2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
    U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, 1911 South Clark Street, Crystal Mall One, Sequence Information, Arlington, VA 22202
            Or
    U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Box Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, Virginia 22202
4. Federal Express Delivery, 2011 South Clark Street, Crystal Plaza 2, Room 1B03-Mailroom, Box Sequence, Arlington, VA 22202

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: _10/000 7,779_

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOF1

1_____Wrapped Nucleics
Wrapped Aminos

The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

· 2_____Invalid Line Length

The rules require that a line not exceed 72 characters in length. This includes white spaces.

- 3__J__Misaligned Amino
Numbering

The numbering under each 5ᵗʰ amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4_____Non-ASCII

The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5___·_·_·Variable Length

Sequence(s)_____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6_____PatentIn 2.0
"bug"

A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7_____Skipped Sequences
(OLD RULES)

Sequence(s)._____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) ..
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8_____Skipped Sequences
· (NEW RULES)

Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9_____Use of n's or Xaa's
(NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10_____Invalid <213>
Response

Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11_____Use of <220>

Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12_____PatentIn 2.0
"bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13_____Misuse of n

n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

AMC/MH – Biotechnology Systems Branch – 08/21/2001

OIPE

#2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/007,779

DATE: 12/17/2001
TIME: 10:01:56

*Does Not Comply
Corrected Diskette Needed*

Input Set : **A:\Es.txt**
Output Set: **N:\CRF3\12172001\J007779.raw**

SEQUENCE LISTING
```
 3  (1) GENERAL INFORMATION:
 4       (i) APPLICANT: Gerardo Castillo and Alan Snow
 5      (ii) TITLE OF INVENTION: In Vitro Formation of Congophilic Maltese-Cross
 6                               Amyloid Plaques to Identify Anti-Plaque Therapeutics for
the Treatment of
 7                               Alzheimer's and Prion Diseases
 8     (iii) NUMBER OF SEQUENCES: 1
 9      (iv) CORRESPONDENCE ADDRESS:
10           (A) ADDRESSEE: Patrick M. Dwyer
11           (B) STREET: 1818 Westlake Avenue N, Suite 114
12           (C) CITY: Seattle
13           (D) STATE: WA (Washington)
14           (E) COUNTRY: United States of America
15           (F) ZIP: 98109
16       (v) COMPUTER READABLE FORM:
17           (A) MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage
18           (B) COMPUTER: IBM PC
19           (C) OPERATING SYSTEM: PC-DOS (Windows NT '95)
20           (D) SOFTWARE: WordPerfect 9
21      (vi) CURRENT APPLICATION DATA:
C--> 22      (A) APPLICATION NUMBER: US/10/007,779
C--> 23      (B) FILING DATE: 30-Nov-2001
28           (C) CLASSIFICATION: Unknown
25     (vii) PRIOR APPLICATION DATA:
26           (A) APPLICATION NUMBER: 09/267,795
27           (B) FILING DATE: 12-March-1999
29    (viii) ATTORNEY/AGENT INFORMATION:
30           (A) NAME: Dwyer, Patrick M.
31           (B) REGISTRATION NUMBER: 32,411
32           (C) REFERENCE/DOCKET NUMBER: PROTEO.P08
33      (ix) TELECOMMUNICATION INFORMATION:
34           (A) TELEPHONE: (206) 343-7074
35           (B) TELEFAX: (206) 343-7085
```

ERRORED SEQUENCES

```
38  (2) INFORMATION FOR SEQ ID NO: 1: ← add a colon after all headings
C--> 40      (i) SEQUENCE CHARACTERISTICS:
42           (A) LENGTH: 40 AMINO ACIDS
43           (B) TYPE: AMINO ACID
44           (C) STRANDEDNESS:
45           (D) TOPOLOGY: LINEAR            add colon
C--> 47     (ii) MOLECULE TYPE: PROTEIN
E--> 49     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
51 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln
E--> 52  1                              5                          10       misaligned
                                                                              amino acid
                                                                              numbers
```

(see item 3 on Errs summary sheet)

12/17/01

RAW SEQUENCE LISTING   DATE: 12/17/2001
PATENT APPLICATION: US/10/007,779   TIME: 10:01:56

            Input Set : A:\Es.txt
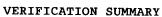   Output Set: N:\CRF3\12172001\J007779.raw

E--> 53 15
     55 Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala
E--> 56   20   25
E--> 57 30
     59 Ile Ile Gly Leu Met Val Gly Gly Val Val
E--> 60   35   40

misaligned

FYI: all U.S. applications filed on or after July 1, 1998, which cannot claim a prior application filed before July 1, 1998, must be in new Sequence Rules format.

VERIFICATION SUMMARY   DATE: 12/17/2001
PATENT APPLICATION: US/10/007,779   TIME: 10:01:57

Input Set : A:\Es.txt
Output Set: N:\CRF3\12172001\J007779.raw

L:22 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:23 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:40 M:220 C: Keyword misspelled or invalid format, [(i) SEQUENCE CHARACTERISTICS:]
L:47 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:49 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:0 M:200 E: Mandatory Header Field missing, SeqNo=1, SEQUENCE DESCRIPTION: SEQ ID NO: of (2)
L:49 M:202 E: (16) Value must be an Integer, Data=[]
L:52 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1
M:332 Repeated in SeqNo=1